

Title (en)  
Electric motor having a differential gear disposed within the rotor of the motor

Title (de)  
Elektromotor mit einem Differentialgetriebe im Anker dieses Motors eingebaut

Title (fr)  
Moteur électrique avec un différentiel logé à l'intérieur du rotor du moteur

Publication  
**EP 1274161 A1 20030108 (EN)**

Application  
**EP 01308766 A 20011015**

Priority  
GB 0116330 A 20010704

Abstract (en)  
A vehicle power generation means (1) comprises an electric machine (2) and a differential gear assembly (4) disposed within a housing structure (5). The electric machine (2) comprises a stator portion (6), and a rotor portion (8) disposed radially inward of the stator portion (6) and spaced therefrom by an air gap (9). The electric machine (2) is preferably a brushless DC motor, as this will accommodate the differential gear assembly within the rotor portion (8). The electric machine (2) would be supplied with power from a suitable power source such as an electric battery.  
<IMAGE>

IPC 1-7  
**H02K 7/116**

IPC 8 full level  
**F16H 48/08** (2006.01); **H02K 7/116** (2006.01)

CPC (source: EP US)  
**F16H 48/08** (2013.01 - EP US); **H02K 7/116** (2013.01 - EP US); **B60K 2001/001** (2013.01 - EP US); **F16H 2048/082** (2013.01 - EP US); **F16H 2048/087** (2013.01 - EP US); **F16H 2048/385** (2013.01 - EP US); **F16H 2048/405** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1274161 A1 20030108**; GB 0116330 D0 20010829; US 2003015359 A1 20030123

DOCDB simple family (application)  
**EP 01308766 A 20011015**; GB 0116330 A 20010704; US 4250702 A 20020108